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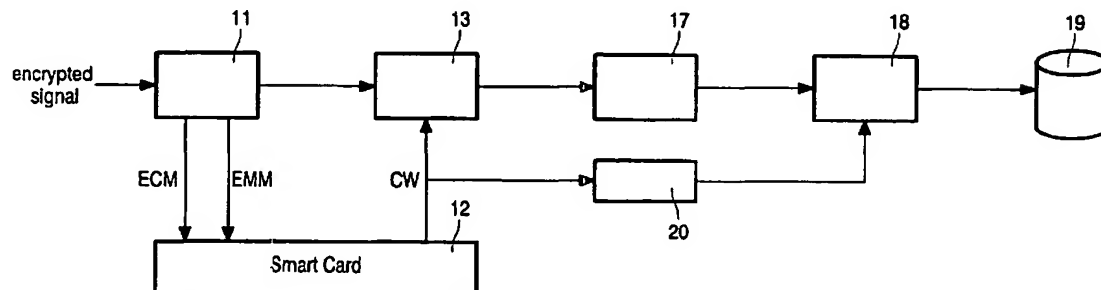
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(54) Title: STORAGE OF ENCRYPTED DIGITAL SIGNALS



(57) Abstract: Digital video signals are encrypted by a broadcaster based on a key stream and transmitted to a receiver. At the receiver, the signals are decrypted using the broadcaster's keys and processed in unencrypted form to improve recording and/or playback operation. The processed signals are then re-encrypted using the broadcaster's keys, with appropriate time-shifting to align key changes with suitable boundaries in the video stream. The resulting encrypted signals are stored on a storage medium.